



Animal Feeding Operations Program Internship Opportunity 2020 – Raleigh, NC

ABOUT OUR AGENCY

The NC Department of Environmental Quality (DEQ) is the lead stewardship agency for the protection of North Carolina's environmental resources.

The organization, administers regulatory programs designed to protect air quality, water quality, and the public's health, and also works to advance an all-of-the-above energy strategy that fits North Carolina's needs. DEQ also offers technical assistance to businesses, farmers, local governments, and the public and encourages responsible behavior with respect to the environment through education programs provided at DEQ facilities and through the state's school system.

As new technologies, processes or industry operations are proposed to be implemented in North Carolina, DEQ regulatory agencies may be requested to examine the collective impact of such projects on the environment and surrounding communities.

ABOUT THE DIVISION, SECTION & UNIT

The Division of Water Resources, with central offices in Raleigh and seven regional offices located across the state, ensures safe drinking water in accordance with federal requirements, issues pollution control permits, monitors permit compliance, evaluates environmental water quantity and quality, and carries out enforcement actions for violations of environmental regulations. The division's administrative staff and five sections (Public Water Supply, Water Planning, Water Quality Permitting, Water Quality Regional Operations and Water Sciences) administer the laws, policies and rules established by the U.S. Environmental Protection Agency, the state's Environmental Management Commission and the N.C. General Assembly, the state legislative body. **This opportunity will be in the Animal Feeding Operations (AFO) Program, which is under the Water Quality Permitting Section.**

The program will run approximately 10 weeks starting on or around May 18, 2020 with the potential to extend through the fall semester part-time.

Read more about our agency here: <https://deq.nc.gov/>

MAJOR DUTIES

- Develop a template in order to update list of facilities in 100-year floodplain
 - This template will be able to refresh/update on a weekly basis
- Develop a GIS layer with AFO facilities to be overlaid on the 100-year floodplain base map
- Develop a story map (an online visual representation) for the AFO program
 - The story map development will include the facts and figures on the AFO program
- Student will leave STEP with a story map created for the AFO program, a template developed and a GIS layer overlay

POSITION QUALIFICATIONS

- Applicants must be at least 18 years old by January 1, 2020
- 2.0 Major GPA
- Graduation date of December/May 2020 or 2021 | Rising Junior, Senior or Graduate student
- Desired Majors: GIS, Web Content Development, Environmental Science

MANAGEMENT DESIRED QUALIFICATIONS

- Excellent verbal and written communication skills
- Strong interpersonal skills and ability to work with colleagues and stakeholders at all levels
- Collaborative team member who exhibits initiative and leadership skills
- Independent thinker and problem solver
- Working knowledge of animal feeding operations
- Familiarity with state environmental regulations and programs
- GIS coursework
- Web design and development coursework

SPECIAL NOTES

- Housing allowance is not provided
- Travel may be required (1-2 Animal Feeding Operation Facilities)
- Summer hourly rate is up to \$15.00
- Pay is bi-weekly
- Summer opportunity will be approximately 10 weeks, working up to 40 hours each week

APPLICATION INSTRUCTIONS

Send resume and cover letter to DEQInternships@ncdenr.gov with **Subject Line: Animal Feeding Operations Program Internship Application**

Application deadline of 3/25/2020 *(or may remain open until we have suitable applicant pool)*

IMPORTANT DATES

3/25/20– Application Deadline

3/26/20 – 4/7/20 HR & Hiring Manager App Review

4/13/20 – 4/21/20 Interviews (schedules permitting)

5/18/20 – 7/24/20 STEP Assignment Dates (approximate start/ end dates, flexible)

QUESTIONS? Please contact NC Department of Environmental Quality, HR
DEQInternships@ncdenr.gov